

PTO-1449 REPRODUCED

**INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION**

January 7, 2005

(Use several sheets if necessary)

 ATTORNEY DOCKET NO.  
1884.2005-003

 APPLICATION NO.  
10/788,526

 FIRST NAMED INVENTOR  
Neil J. Goldfine

 FILING DATE  
February 27, 2004

 EXAMINER  
Not assigned *AURORA*

 CONFIRMATION NO.  
6893

 GROUP  
2862

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**U.S. PATENT DOCUMENTS**

| EXAM-<br>INER<br>INI-<br>TIAL | REF.<br>NO. | DOCUMENT NUMBER<br>Number-Kind Code (if known) | ISSUE DATE /<br>MM-DD-YYYY | NAME OF PATENTEE<br>OF CITED DOCUMENT |                         |
|-------------------------------|-------------|--|----------------------------|---------------------------------------|-------------------------|
|                               | AA          | 4,441,010                                      | 04/03/1984                 | Cornu et al.                          | <i>Class</i> <i>sub</i> |
| <i>RA</i>                     | AB          | 5,015,951                                      | 05/14/1991                 | Melcher                               |                         |
| <i>RA</i>                     | AC          | 5,047,719                                      | 09/10/1991                 | Johnson et al.                        |                         |
| <i>RA</i>                     | AD          | 5,146,163                                      | 09/08/1992                 | Nawa                                  |                         |
| <i>RA</i>                     | AE          | 5,182,513                                      | 01/26/1993                 | Young et al.                          |                         |
| <i>RA</i>                     | AF          | 5,262,722                                      | 11/16/1993                 | Hedengren et al.                      |                         |
| <i>RA</i>                     | AG          | 5,389,876                                      | 02/14/1995                 | Hedengren et al.                      |                         |
| <i>RA</i>                     | AH          | 5,453,689                                      | 09/26/1995                 | Goldfine et al.                       |                         |
| <i>RA</i>                     | AI          | 5,463,201                                      | 10/31/1995                 | Hedengren et al.                      |                         |
| <i>RA</i>                     | AJ          | 5,592,078                                      | 01/07/1997                 | Giragosian et al.                     |                         |
| <i>RA</i>                     | AK          | 5,793,206                                      | 08/11/1998                 | Goldfine et al.                       |                         |
| <i>RA</i>                     | AA2         | RE.36,986                                      | 12/12/2000                 | Melcher                               |                         |
| <i>RA</i>                     | AB2         | US 6,168,066 B1                                | 01/02/2001                 | Arbegast                              |                         |
| <i>RA</i>                     | AC2         | US 6,377,039 B1                                | 04/23/2002                 | Goldfine et al.                       |                         |
| <i>RA</i>                     | AD2         | 20020158626                                    | 10/31/2002                 | Shay et al.                           |                         |
|                               | AE2         |  |                            |                                       |                         |
|                               | AF2         |  |                            |                                       |                         |
|                               | AG2         |  |                            |                                       |                         |
|                               | AH2         |  |                            |                                       |                         |
|                               | AI2         |  |                            |                                       |                         |
|                               | AJ2         |  |                            |                                       |                         |
|                               | AK2         |  |                            |                                       |                         |
|                               | AA3         |  |                            |                                       |                         |
|                               | AB3         |  |                            |                                       |                         |
|                               | AC3         |  |                            |                                       |                         |

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| EXAMINER<br><i>Reina Aurora</i> | DATE CONSIDERED<br><i>5/25/05</i> |
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| PTO-1449 REPRODUCED<br><br><b>INFORMATION DISCLOSURE STATEMENT<br/>IN AN APPLICATION</b><br><br>January 7, 2005<br><br>(Use several sheets if necessary) | ATTORNEY DOCKET NO.<br>1884.2005-003              |                          | APPLICATION NO.<br>10/788,526    |  |
|  | FIRST NAMED INVENTOR<br>Neil J. Goldfine          |                          | FILING DATE<br>February 27, 2004 |  |
|  | EXAMINER<br><del>Not assigned</del> <i>AURORA</i> | CONFIRMATION NO.<br>6893 | GROUP<br>2862                    |  |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |     |  |
|--|-----|--|
| <i>RA</i>  | AR  | Arbegas, W.J., and Hartley, P.J. (1998), "Friction Stir Weld Technology Development at Lockheed Martin Michoud Space Systems - An Overview", 5th International EWI Conference on Trends in Welding Research, 1 - 5 June, 1998, Pine Mountain, GA. <i>Pages 1-6</i>                         |
| <i>RA</i>  | AS  | Ditzel, P., and Lippold, J.C. (1997), "Microstructure Evolution During Friction Stir Welding of Aluminum Alloy 6061-T6", Edison Welding Institute, Summary Report SR9709.  |
| <i>RA</i>  | AT  | Goldfine, N., Schlicker, D., Sheiretov, Y., Washabaugh, A., Zilberstein, V., Lovett, T., "Conformable Eddy-Current Sensors And Arrays For Fleetwide Gas Turbine Component Quality Assessment," ASME Turbo Expo Land, Sea, & Air 2001, 4-7 June, 2001, New Orleans, LA. <i>Page 904-909</i> |
| <i>RA</i>  | AU  | Mahoney, M.W., Rhodes, C.G., Flintoff, J.G., Spurling, R.A., and Bingel, W.H. (1998), "Properties of Friction-Stir-Welded 7075 T651 Aluminum", Metallurgical and Materials Transactions A, vol. 29A, July 1998, pp. 1955 - 1964.   |
| <i>RA</i>  | AV  | Nondestructive Testing Handbook, 2nd Edition, Volume 4: Electromagnetic Testing, American Society for Nondestructive Testing, 1986, pp. 378-385, 388-399, 405-414, 420 and 421.  |
| <i>RA</i>  | AW  | Rummel, W. and W. Arbegas, Proc. ASNT Spring Conf., 24-27 March, 1980, Philadelphia, PA, pp.201-208.   |
| <i>RA</i>  | AX  | Presentation Slides titled "Autogeneous Friction Stir Weld LOP Defect Detection and Sizing Using Directional Conductivity Measurements with MWM Eddy-Current Sensor," Aeromat 2000, Seattle, WA.   |
| <i>RA</i>  | AY  | Presentation Slides titled "Friction Stir Weld LOP Defect Detection, Using New High Resolution MWM-Arrays and MWM Eddy-Current Sensor," Aeromat 2001, Long Beach, CA.  |
| <i>RA</i>  | AZ  | NASA SBIR proposal titled "High Resolution Inductive Imaging of Critical Metal Joints and Components," submitted June 5, 2001. <i>Pages 1-24</i>   |
|  | AR2 |  |
|  | AS2 |  |
|  | AT2 |  |
|  | AU2 |  |

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| EXAMINER<br><i>Reene Huron</i> | DATE CONSIDERED<br><i>5/25/05</i> |
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